

THE UNIVERSITY OF CHICAGO

A filter for use in a waste water discharge system including a first channel defining a receptacle for a filter and a second channel connected generally orthogonally to the first channel providing an outlet from the filter receptacle. The filter has an axial support of a pre-selected length, a plurality of bristles fixed to the axial support extending radially outward to define an outer margin. The outer margin of the bristles, at some portions along the pre-selected length, are at least equal to an inside dimension of the channel defining the receptacle. A handle is fixed to the axial support facilitating the placement and withdrawal of the filter element in the filter receptacle. A shield member is provided that is generally conformable to the inside surface of the filter receptacle. The shield member has a length dimension sufficient to cover the outlet leading to the second channel for blocking any flow of waste water into the second channel during replacement of the filter element.